NAME

CPANPLUS::Internals::Utils - convenience functions for CPANPLUS

SYNOPSIS

```
my $bool = $cb->_mkdir( dir => 'blah' );
my $bool = $cb->_chdir( dir => 'blah' );
my $bool = $cb->_rmdir( dir => 'blah' );


my $bool = $cb->_move( from => '/some/file', to => '/other/file' );
my $bool = $cb->_move( from => '/some/dir',  to => '/other/dir' );


my $cont = $cb->_get_file_contents( file => '/path/to/file' );


my $version = $cb->_perl_version( perl => $^X );
```

DESCRIPTION

`CPANPLUS::Internals::Utils` holds a few convenience functions for CPANPLUS libraries.

METHODS

$cb->_mkdir(dir => '/some/dir')

`_mkdir` creates a full path to a directory.

Returns true on success, false on failure.

$cb->_chdir(dir => '/some/dir')

`_chdir` changes directory to a dir.

Returns true on success, false on failure.

$cb->_rmdir(dir => '/some/dir');

Removes a directory completely, even if it is non-empty.

Returns true on success, false on failure.

$cb->_perl_version (perl => 'some/perl/binary');

`_perl_version` returns the version of a certain perl binary. It does this by actually running a command.

Returns the perl version on success and false on failure.

$cb->_version_to_number(version => $version);

Returns a proper module version, or '0.0' if none was available.

$cb->_whoami

Returns the name of the subroutine you're currently in.

_get_file_contents(file => $file);

Returns the contents of a file

$cb->_move(from => $file|$dir, to => $target);

Moves a file or directory to the target.

Returns true on success, false on failure.

$cb->_copy(from => $file|$dir, to => $target);

Moves a file or directory to the target.

Returns true on success, false on failure.

$cb->_mode_plus_w(file => '/path/to/file');

Sets the +w bit for the file.

Returns true on success, false on failure.

$uri = $cb->_host_to_uri(scheme => SCHEME, host => HOST, path => PATH);

Turns a CPANPLUS::Config style `host` entry into an URI string.

Returns the uri on success, and false on failure

$cb->_vcmp(VERSION, VERSION);

Normalizes the versions passed and does a '<=>' on them, returning the result.

$cb->_home_dir

Returns the user's homedir, or `cwd` if it could not be found

$path = $cb->_safe_path(path => $path);

Returns a path that's safe to us on Win32 and VMS.

Only cleans up the path on Win32 if the path exists.

On VMS, it encodes dots to _ using `VMS::Filespec::vmsify`

($pkg, $version, $ext) = $cb->_split_package_string(package => PACKAGE_STRING);

Splits the name of a CPAN package string up into its package, version and extension parts.

For example, `Foo-Bar-1.2.tar.gz` would return the following parts:

```
Package:    Foo-Bar
Version:    1.2
Extension:  tar.gz
```